



TAT-02-F-05521

SCOPE OF WORK
FOR THE
IDEAL COOPERAGE SITE
JERSEY CITY, NEW JERSEY

JANUARY 1, 1991

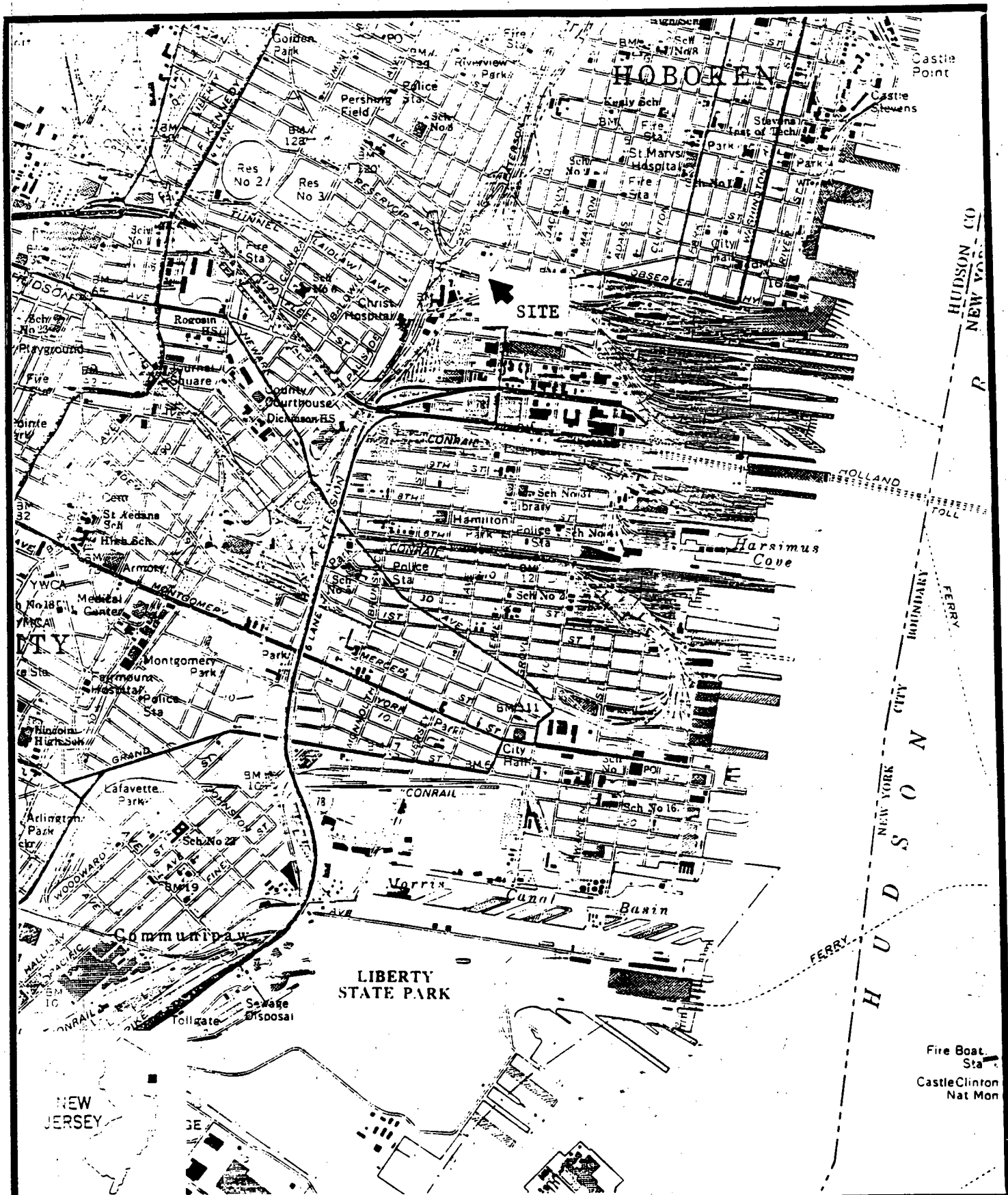
1.0 SITE BACKGROUND

The Ideal Cooperage site is located on New York Avenue in Jersey City, Hudson County, New Jersey. Figure 1 provides a site location map. The approximately 2 acre site is situated in an industrial section of the city. The site is bounded on the north and west by New York Avenue, on the south by the Erie-Lackawanna Rail Line and on the east by a developed lot. The property is relatively flat and elevated, with the northern, eastern and southern perimeters sloping downward towards the property line. Figure 2 provides a site map. The ground consists of loose soil with low brush and some small trees.

During the 1970's, Ideal Cooperage, Inc. used the site as part of their drum reconditioning operations. Although the actual rinsing and reconditioning of the drums were performed on an adjacent lot, empty drums were stored on this site. In the fall of 1981, Ideal Cooperage ceased operations and abandoned both properties. The property on which the processing took place was eventually sold and redeveloped; however, this lot which was used for storage still remains abandoned.

Assessments performed by the New Jersey Department of Environmental Protection (NJDEP) and more recently, by the U.S. EPA, Technical Assistance Team (TAT) have determined that approximately 600 drums remain on site. Most of these drums are empty, but about 10% contain material. Since many of the drums containing liquid are upright and missing bungs, the liquid may be rainwater. A majority of the empty drums are severely deteriorated and appear to have been on the property for several years. A subsurface soil investigation conducted by a private consultant, several years ago, detected low levels of toluene, perchloroethylene, and petroleum hydrocarbons. In addition, buried drums may be present on the site.

The site has been used in recent years as an illegal dumping ground for household garbage, construction debris, and abandoned automobiles. The equivalent of seventeen rolloff containers of solid waste were once cleared from the site, but lack of security has made it impossible to keep the property free of trash. Neighborhood children have also used the site as a playground, and had even built a "fort" using empty drums.



WESTON

SPILL PREVENTION &
EMERGENCY RESPONSE DIVISION

In Association with ICF Technology Inc., C.C. Johnson & Associates, Inc., Resource Applications, Inc., Geo/Resource Consultants, Inc., and Environmental Toxicology International, Inc.

EPA PM

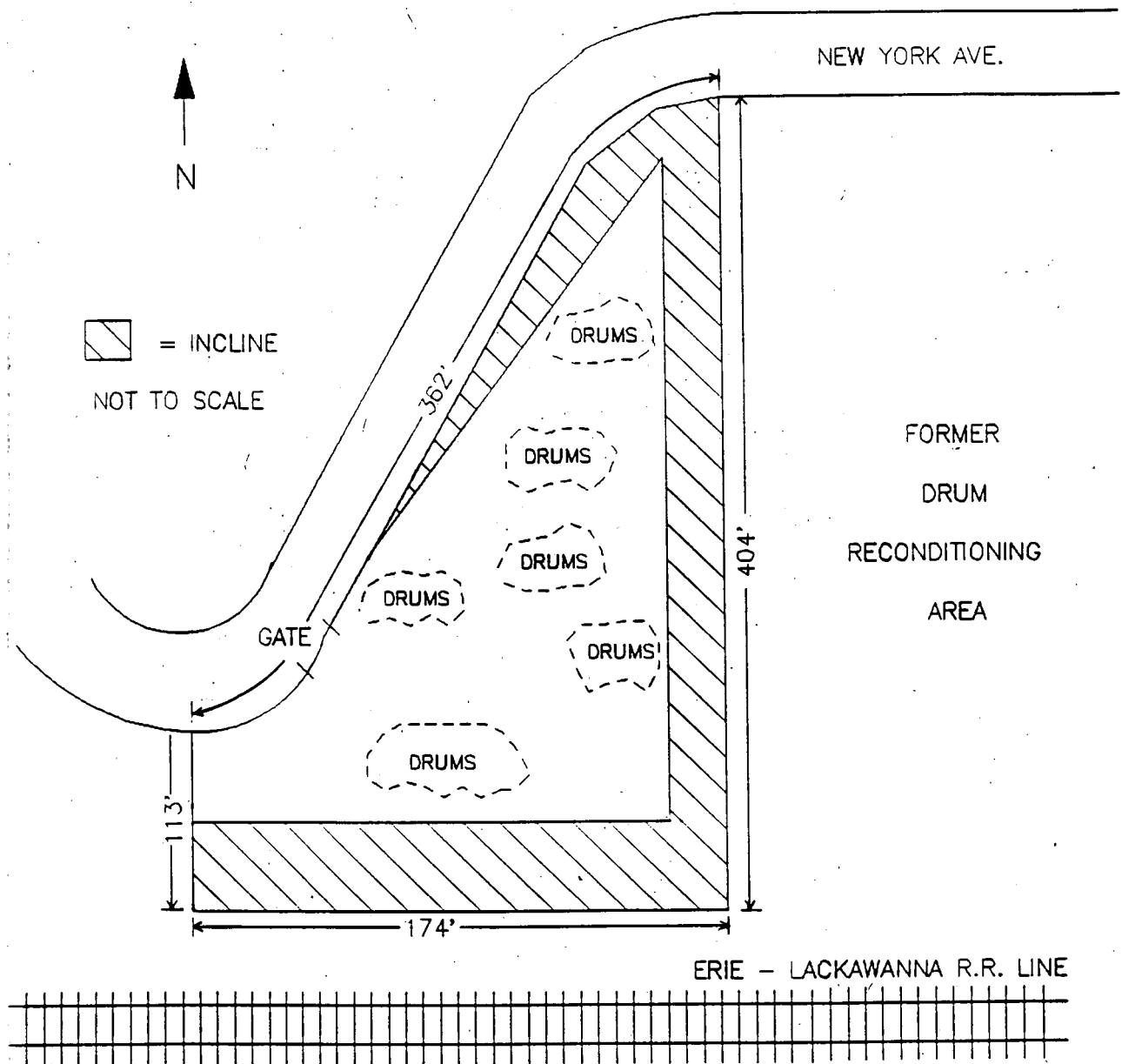
D. HARKAY

TAT PM

P. DI PASCA

FIGURE 1
LOCATION MAP

IDEAL COOPERAGE
JERSEY CITY, NJ



WESTON

SPILL PREVENTION &
EMERGENCY RESPONSE

EPA PM

D. HARKAY

FIGURE 2
SITE MAP

In Association with ICF Technology Inc., C.C. Johnson &
Malhotra, P.C., Resource Applications, Inc. and
R.E. Sarriera Associates

TAT PM

P. DI PASCA

IDEAL COOPERAGE
JERSEY CITY, NJ

2.0 OBJECTIVES

The objectives of this removal action are to

1. Stage and segregate all surficial drums for sampling and classification.
2. Excavate test pits to determine whether drums are buried on site, to identify soil types and to collect subsurface soil samples.

3.0 SCOPE OF WORK

The scope of work is to provide the following services:

1. Site preparation as required, such as brush removal, placement of crushed stone directly inside the front gate, scrap material removal, and minor grading.
2. Stage and segregate all surficial drums. Overpack and/or transfer contents from deteriorated drums, as required. The staging area to be determined at the discretion of the OSC.
3. Excavate six test pits to a maximum depth of 16 feet. Locations to be field determined at the discretion of the OSC.

3.1 General Requirements

3.1.1 Equipment and Personnel to be Furnished by the ERCS Contractor

The ERCS Contractor shall provide a backhoe with blast shield and the necessary equipment and personnel to complete the task described herein and to meet the goals of the delivery order. During test pit excavation, ERCS shall provide two technicians, in addition to an experienced backhoe operator. ERCS shall maintain the equipment in good operating condition for the duration of the removal action.

3.1.2 Working Schedule

All site work, for which there will be payment, shall be done during the daylight hours. The EPA, TAT and ERCS, at the beginning of the work, shall mutually agree on a work schedule to be followed. If certain phases of work must be continued into the hours of darkness, sufficient lighting shall be provided by

the ERCS Contractor so that work may be carried out in a safe and efficient manner. If the schedule of work hours is to be changed, the EPA, TAT and ERCS shall mutually agree to such change 24 hours in advance.

3.1.3 Equipment Protection and Security

The ERCS Contractor is responsible for providing any and all security measures required to protect equipment and materials at the site.

3.1.4 Decontamination

The ERCS Contractor is responsible for cleaning and decontaminating the backhoe and other related equipment. Steam cleaning of the backhoe bucket will be required upon arrival to and departure from the site. The water used for steam cleaning and rinsing shall be potable. No on-site source of water or electricity is available.

3.1.5 Mobilization/Demobilization

The ERCS Contractor is responsible for mobilizing to the site all material, personnel, equipment and tools required to perform the specific work and removing the same from the site at the completion of work.

3.2 Period of Performance

Project initiation is anticipated to be Monday, February , 1991. The period of performance for the work described in this subcontract is estimated at four to five days for drum staging, and two to three days for test pit excavation.

4.0 HEALTH AND SAFETY PROTOCOL

The ERCS Contractor will be expected to comply with all approved site health and safety requirements. There will be a WESTON/EPA Site Health and Safety Plan implemented for this site. All activities at the site shall be conducted in accordance with current Occupational Health and Safety Regulations for Hazardous Waste Site Activities (References: OSHA 29 CFR 1910.120; 29 CFR 1926/1910 Construction Industry Standards). ERCS will also be required to follow their own safety protocols.

4.1 Required Personnel Protective Equipment

The ERCS Contractor shall provide the following personnel protective clothing and respiratory protective equipment.

Expendables

Poly Tyvek Coverall (or equivalent)

Inner Gloves - Latex or Surgical

Outer Gloves - Nitriles

Duct Tape - For joints between clothing items

Air Purifying Respirator Filters (discard as necessary)

MSA GMC-H Cartridge (or equivalent combination cartridge)

MSA GMC Canister (or equivalent combination canister)

Non-Expendables

Full-Face Air Supplying Respirator, either an SCBA or an airline system with an escape bottle

Full-Face Air Purifying Respirator (half-face units unacceptable)

Hard Hat

Steel-Toe Neoprene Boots

4.2 Levels of Respiratory Protection

The levels of respiratory protection required are task related and listed below:

<u>Task</u>	<u>Level of Respiratory Protection</u>
Site Preparation	Level C
Staging and Segregating Drums	Level B/C (Downgrading to be determined by the Site Health and Safety Officer)
Test Pits	Level C (with escape paks)/B (upgrading to be determined by the Site Health and Safety Officer)

4.3 ERCS Contractor's Health and Safety Requirements

The ERCS Contractor will be required to certify that:

- All ERCS personnel involved in work activities on-site:
 - a) Understand and agree to the provisions of the Site Health and Safety Plan.
 - b) Understand that the work is to be performed on a hazardous materials site and that protective clothing and respiratory protective devices will be required.
 - c) Have been examined by a licensed physician in accordance with 29 CFR 1910.120.
 - d) Have been trained in accordance with applicable sections of 29 CFR 1910.120 and 29 CFR 1926/1910.
 - e) Have agreed to work under the direction of the Site Health and Safety Officer.
- All equipment used by ERCS personnel is NIOSH/OSHA approved, as appropriate, and in working condition as specified by the manufacturer.
- All respiratory and personnel protection programs established by ERCS for this site are in compliance with 29 CFR 1910.120 and 29 CFR 1926/1910.
- The ERCS Contractor maintains a Health and Safety Program in accordance with the applicable sections of 29 CFR 1910.120.